

EUROTHANE® GP

EUROTHANE GP board is a high performance PIR insulation, perfectly suited for multiple applications.

Product Overview

- High performance PIR insulation
- 0.022 W/mK lambda
- Manufactured using a blowing agent with zero ODP (Ozone Depletion Potential) and low GWP (Global Warming Potential)



For Pitched Roofs



For Walls



For Floors



Lightweight Board



Easy Handling and Installation



ISO 9001 and ISO 14001



Moisture Tolerant

NBS Clauses

Details also available in NBS Plus. NBS users should refer to clause(s): P10/15, 140, 149 M10/40, 290, E20/30, 200, K11/20, 25, 115, 125, 135, 145, 215, 225, 235, K20/20, 150, P10/40, 190, 220

Introduction

EUROTHANE GP board is a high performance PIR insulation, perfectly suited to multiple applications.

Suitable for pitched roof, floor or framed wall applications, EUROTHANE GP benefits from an excellent thermal performance. With zero Ozone Depletion Potential (ODP) and a Global Warming Potential (GWP) of below 5, this high quality product offers energy saving benefits to the entire building.

Lightweight, easy to cut, handle and install, the board is available in a variety of thicknesses to suit your precise specification and ensure you meet and exceed thermal regulations.

With EUROTHANE GP, you are specifying a board that:

- ⚠ Has a low thermal conductivity value (0.022 W/mK) providing an excellent thermal performance.
- ⚠ Is available in a range of thicknesses from 25mm – 160mm and in a board size of 2400mm x 1200mm.
- ⚠ Will not degrade or deteriorate if exposed to moisture, therefore maintaining its thermal performance.

Applications

- ⚠ Pitched roofs.
- ⚠ Framed walls.
- ⚠ Floors (compatible with underfloor heating systems).

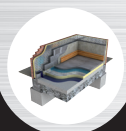
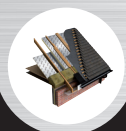
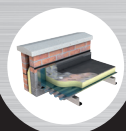
Installation Guidelines

For full details of the installation of EUROTHANE GP, please refer to the applications pages of the Specifier's Guide.

See applications section for installation and handling.



Continued overleaf...



EUROTHANE GP Thermal Resistances

Product Code	Thickness (mm)	R-value (m ² K/W)
64681/001	25	1.10
64681/002	30	1.35
64681/004	40	1.80
64681/005	50	2.25
64681/006	60	2.70
64681/008	70	3.15
64681/058	75	3.40
64681/009	80	3.60
64681/010	90	4.05
64681/011	100	4.50
64681/089	110	5.00
64681/068	120	5.45
64681/086	130	5.90
64681/080	140	6.35
64681/091	150	6.80
64681/104	160	7.25

Product Details

Thermal Conductivity	0.022 W/mK
Compression Strength	Exceeds 140kPa at yield
Moisture Vapour Resistance	Installed value of 100 MNs/g
Specific Heat Capacity	1.4kJ/kgK
Fire Performance	Class 1 BS 476 (Part 7)
Dimensions	2400mm (l) x 1200mm (w)
Facing	Low emissivity multilayer coated aluminium on both sides

Sustainable Solutions

Recticel EUROTHANE GP has been designed and manufactured to result in the lowest environmental impact. This drives our 'A rating' in the BRE Green Guide 2008 under element number 815320017. EUROTHANE GP has a zero ODP (Ozone Depletion Potential) and a GWP (Global Warming Potential) rating of below 5.

Specification Clause

The insulation shall be Recticel EUROTHANE GP ____mm thick for use in pitched roof / framed walls / flooring applications, manufactured in accordance with an ISO 9001 quality management system and an ISO 14001 environmental management system. It should comprise a rigid polyisocyanurate (PIR) core faced on both sides with a gas tight multilayer composite aluminium foil facing. The product should have a GWP of below 5, a zero ODP and achieve a CE marking compliance to BS EN 13165. EUROTHANE GP should be installed in accordance with Recticel's recommendations.

Typical U-values

U-values will vary depending on application and construction. To obtain a calculation under the BBA Competent Person Scheme, email technicalservices@recticel.com

Contact Details

Technical Desk

For all technical enquiries or requests for product support, please contact:

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Online

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